

STANDARDS AND SPECIFICATIONS FOR SAFETY LIGHTS FOR FARM TRACTORS IN EXCESS OF 108 INCHES IN WIDTH.

Commonwealth of Virginia  
DEPARTMENT OF STATE POLICE

REGULATIONS RELATING  
TO  
STANDARDS AND SPECIFICATIONS  
FOR  
SAFETY LIGHTS FOR FARM TRACTORS  
IN EXCESS OF 108 INCHES IN WIDTH

19 VAC 30-160-10. Definitions

The following words and terms, when used in this regulation, shall have the following meaning unless the context clearly indicates otherwise.

"Lighting device" means a flashing warning light to indicate both forward and rearward the presence of agricultural equipment which normally travels at a rate of speed below that of other traffic.

"Farm tractor" means every motor vehicle designed and used as a farm, agricultural, or horticultural implement for drawing plows, mowing machines, and other farm, agricultural, or horticultural machinery and implements including self-propelled mowers designed and used for mowing lawns.

"Highway" means the entire width between the boundary lines of every way or place open to the use of the public for purposes of vehicular travel in the Commonwealth, including the streets and alleys, and, for law-enforcement purposes, the entire width between the boundary lines of all private roads or private streets which have been specifically designated "highways" by an ordinance adopted by the governing body of the county, city, or town in which such private roads or streets are located.

19 VAC 30-160-20. Purpose

The purpose of this standard is to establish specifications for safety lights used on farm tractors and agricultural multi-purpose drying units in excess of 108 inches in width which are hauled, propelled, transported or moved on the highway.

19 VAC 30-160-30. ~~Description and identification~~ General Requirements

This lighting device shall flash at least 60 flashes per minute but not more than 120 flashes per minute when operating. The safety light shall meet the provisions of the Society of Automotive Engineers (SAE) Standard J974 (Flashing Warning Light for Agricultural Equipment.)

19 VAC 30-160-40. ~~Determine requirements~~ Test descriptions.

The flashing warning light shall be tested in accordance with the following sections of SAE J575:

STANDARDS AND SPECIFICATIONS FOR SAFETY LIGHTS FOR FARM TRACTORS IN EXCESS OF 108 INCHES IN WIDTH.

~~Section B - Samples for Test~~

~~Section C - Lamp Bulbs~~

~~Section D - Laboratory Facilities~~

~~Section E - Vibration Test~~

~~Section F - Moisture Test~~

~~Section G - Dust Test~~

~~Section H - Corrosion Test~~

~~Section J - Photometric Test~~

~~Section L - Warpage Test on Devices with Plastic Lenses~~

Section 3.1 - Vibration Test

Section 3.2 - Moisture Test

Section 3.3 - Dust Exposure Test

Section 3.4 - Corrosion Test

Section 3.5 - Photometry Test

Section 3.6 - Warpage Test on Devices with Plastic Components

19 VAC 30-160-50. Test requirements.

The flashing warning light shall meet the requirements of the following sections of SAE J575 as applicable.

Section 4.1 - Vibration Test Requirements

Section 4.2 - Water Spray Test Requirements

Section 4.3 - Water Submersion Test Requirements

Section 4.4 - Dust Exposure Test Requirements

Section 4.5 - Corrosion Test Requirements

Section 4.6 - Photometry Design and Performance Requirements

Section 4.7 - Warpage Test Requirements

STANDARDS AND SPECIFICATIONS FOR SAFETY LIGHTS FOR FARM TRACTORS IN EXCESS OF 108 INCHES IN WIDTH.

19 VAC 10-160-60. Color

The color of this warning lamp shall be amber in accordance with SAE J578.

19 VAC 30-160-70. Proof of compliance

Safety lights for use on farm tractors must be identified as meeting the provisions of SAE J974 or be approved for use by the Superintendent of the Department of State Police as outlined in Section 46.2-1005 of the Code of Virginia.

19 VAC 30-160-80. Effective date

These regulations shall be effective on and after ~~February 9, 1994~~ and until amended or rescinded.

19 VAC 30-160-90. Adopted, ~~February 9, 1994.~~